

**FIGURE 1**



Address Offset	Contents
00 <sub>16</sub>	descriptor_specifier_type = 23 <sub>16</sub>
01 <sub>16</sub>	list_ID
:	
:	
:	object_ID
:	
:	

**Figure 3**

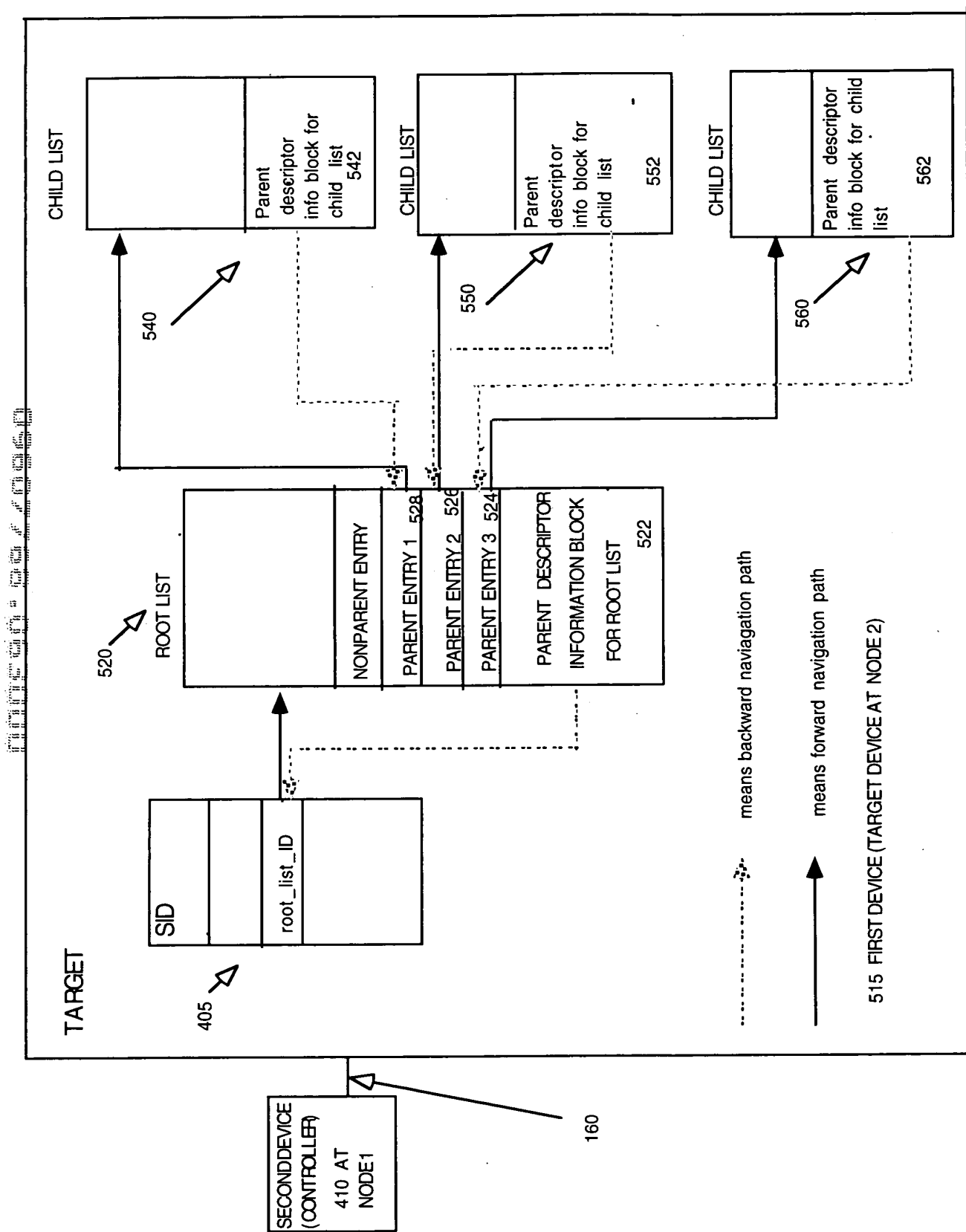


FIGURE 4

600

Address Offset	Contents
00 <sub>16</sub>	compound_length 610
01 <sub>16</sub>	
:	info_block_type = 00 08 <sub>16</sub> (parent descriptor specifier) 620
:	
:	primary_fields_length 630
:	
:	descriptor_specifier_type = 23 <sub>16</sub> 640
:	list_ID 650
:	
:	
:	object_ID 660
:	
:	

**Figure 5**

700

Address Offset	Contents
00 <sub>16</sub>	compound_length 710
01 <sub>16</sub>	
:	info_block_type = 00 08 <sub>16</sub> (parent descriptor specifier) 720
:	
:	primary_fields_length 730
:	
:	descriptor_specifier_type = 00 <sub>16</sub> 740
:	root_list_ID 750
:	

**Figure 6**

800

Address	Length, bytes	External Read/ Write	Static/ Dynamic	Contents
00 00 <sub>16</sub>	2	R	D	list_descriptor_length
00 01 <sub>18</sub>				
00 02 <sub>16</sub>	1	R	S	list_type
:	$\geq 1^1$	R	D	attributes
:	2	R	D	list_specific_information_length = i
:				
:	i	-	D	list_specific_information...
:				
:				
:	2	R	D	number_of_entry_descriptors = n
:				
:	see <sup>2</sup>	-	D	entry_descriptor[0]...
:				
:				
:	see <sup>2</sup>	-	D	entry_descriptor[n-1]...
:				
:				
:				extended_information
:				

810

Figure 7

A controller issues an open descriptor command with a descriptor\_specifier specifying a descriptor by list\_ID and object\_ID to a target.

300



The target opens the descriptor.

310



The descriptor is read by the controller.

320

**Figure 8**



Placing the new descriptor specifier for the parent descriptor at the end (*e.g.* extended\_information field) of the root list descriptor or the child list descriptor when the list descriptor is created.

910

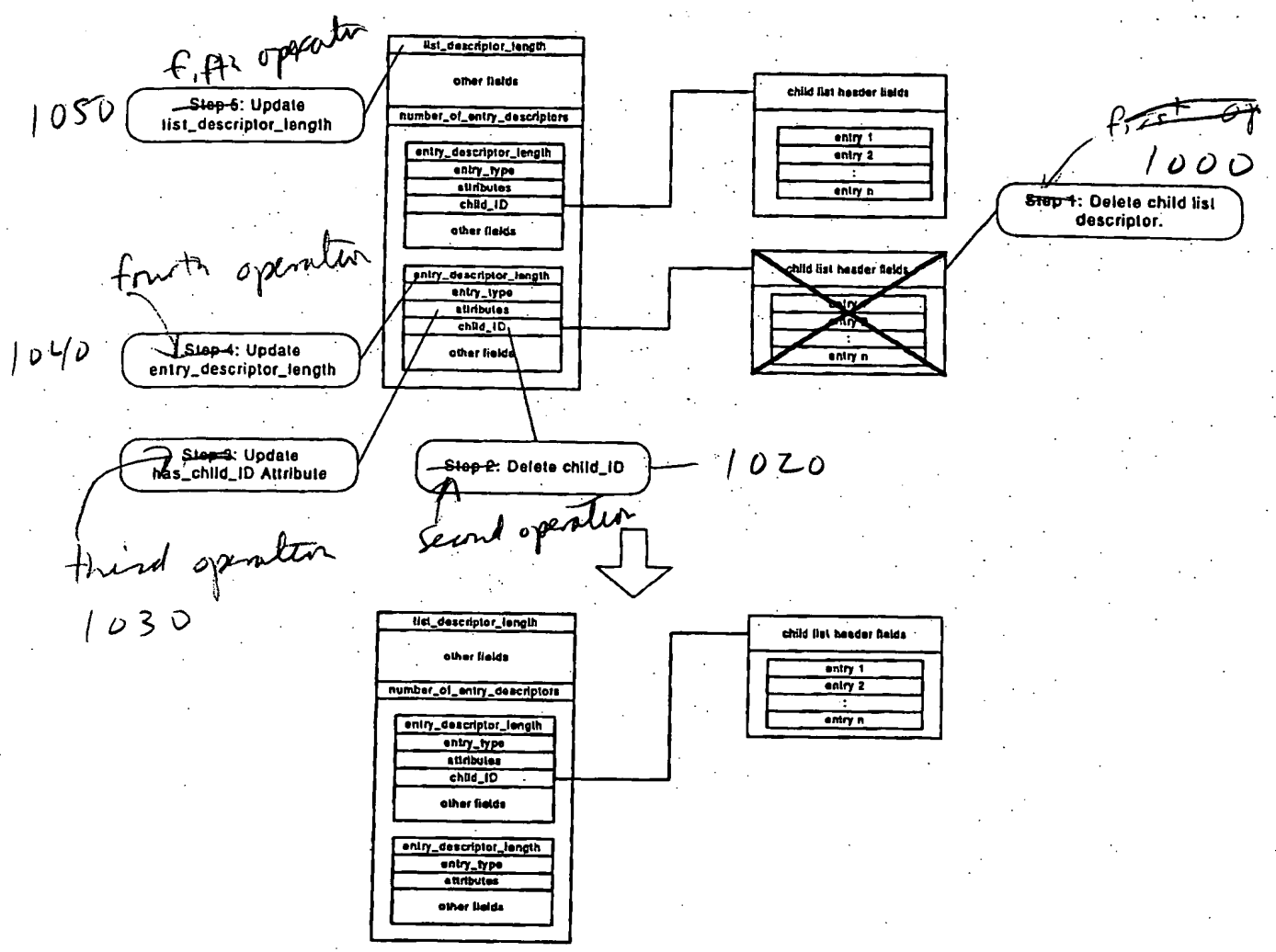
Reading the descriptor specifier for the parent descriptor, located in the extended\_information field of the root list descriptor or the child list descriptor, is used to determine the parent entry for the child list or the subunit identifier for the root list.

920

Controller issues the command using the descriptor\_specifier for opening its parent entry.

930

**Figure 9**



X = descriptor in descriptor\_specifier (target descriptor)

Fig. 10

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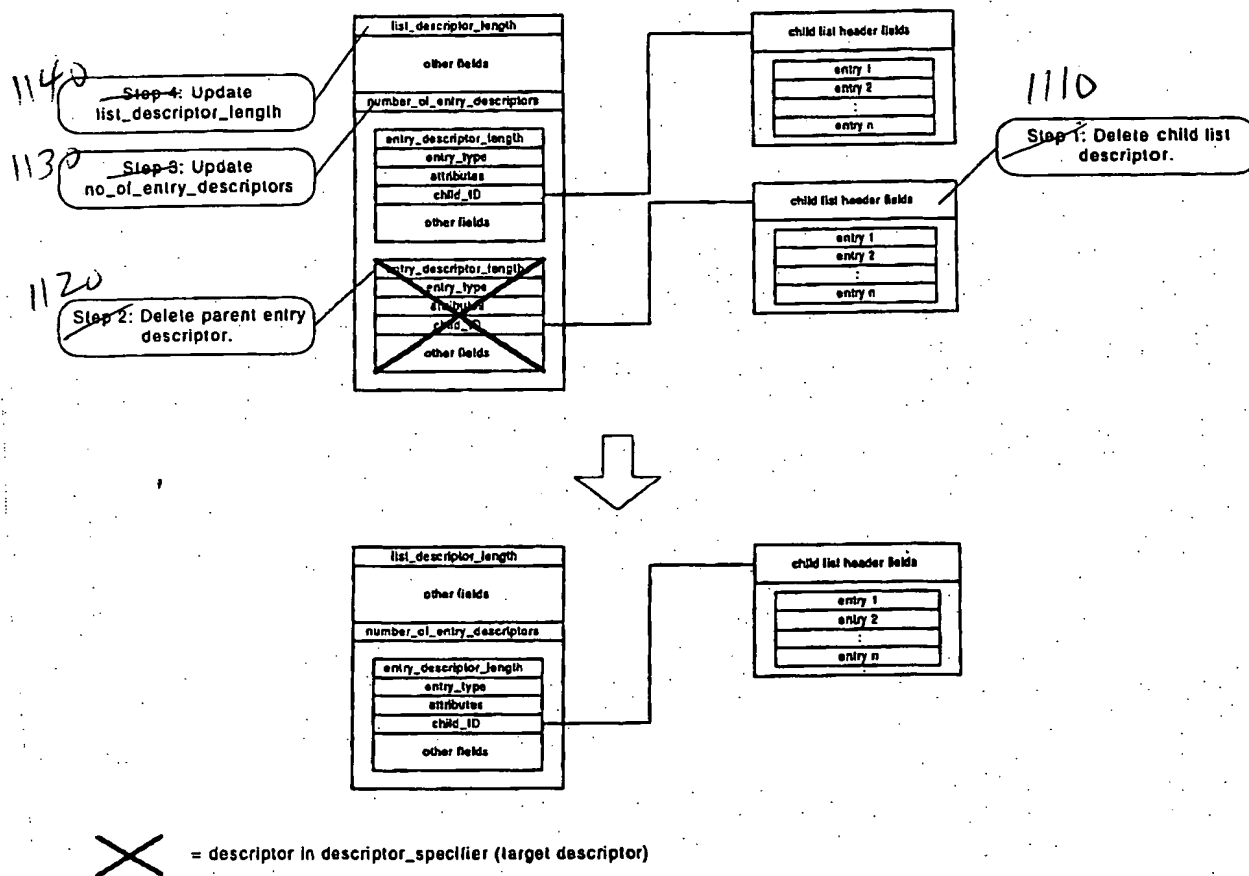


Fig. 11

The diagram shows a process for deleting a list descriptor and its associated child list descriptors. On the left, a large box representing a 'list descriptor' is marked with a large 'X' and labeled '1230'. It contains fields: 'list\_descriptor\_length', 'other fields', 'number\_of\_entry\_descriptors', and two identical blocks of 'entry\_descriptor\_length', 'entry\_type', 'attributes', 'child\_id', 'other fields'. An arrow points from the 'list\_descriptor' box to two 'child list header fields' boxes on the right. The top 'child list header fields' box is labeled '1210' and contains 'entry 1', 'entry 2', and 'entry n'. The bottom 'child list header fields' box is labeled '1220' and contains 'entry 1', 'entry 2', and 'entry n'. Callouts indicate the deletion steps: 'Step 3: Delete list descriptor' points to the 'list\_descriptor' box, 'Step 1: Delete child list descriptor.' points to the top 'child list header fields' box, and 'Step 2: Delete child list descriptor.' points to the bottom 'child list header fields' box.

**= descriptor in descriptor\_specifier (target descriptor)**

F, 9, 12

1340

1338

1320

1310

SID_length
other fields
number_of_root_list_IDs
root_list_id 1
root_list_id 2
other fields

root list header fields

entry 1
entry 2
:
entry n

~~pool list header fields:~~

~~entry~~  
~~entry~~  
:  
entry n



**SIO\_length**

**other fields**

number\_of\_root\_list\_IDs

root\_list\_id 1

other fields

root list handle? fields

entry 1
entry 2
:
entry n



**= descriptor in descriptor\_specifier (target descriptor)**

Fig. 13

00000000000000000000000000000000

	bytes	msb						lsb
opcode	1	DELETE DESCRIPTOR (XX <sub>16</sub> )						
operand[0]	v	descriptor_specifier						
operand[1]								
:								
:	1	result						

Fig. 14



	bytes	msb						lsb
opcode	1	DELETE DESCRIPTOR (XX <sub>16</sub> )						
operand[0]	v	descriptor_specifier						
operand[1]								
:								
:	1	result						
:	1	number_of_undelated_descriptors						
:	v	descriptor_specifier [1]						
:								
:								
:	2	opener_node_id [1]						
:	v	descriptor_specifier [n]						
:								
:								
:	2	opener_node_id [n]						

Fig.15

00000000 00000000 00000000 00000000

Delete first root list descriptor by deleting root\_list\_ID in  
Subunit Identifier Descriptor

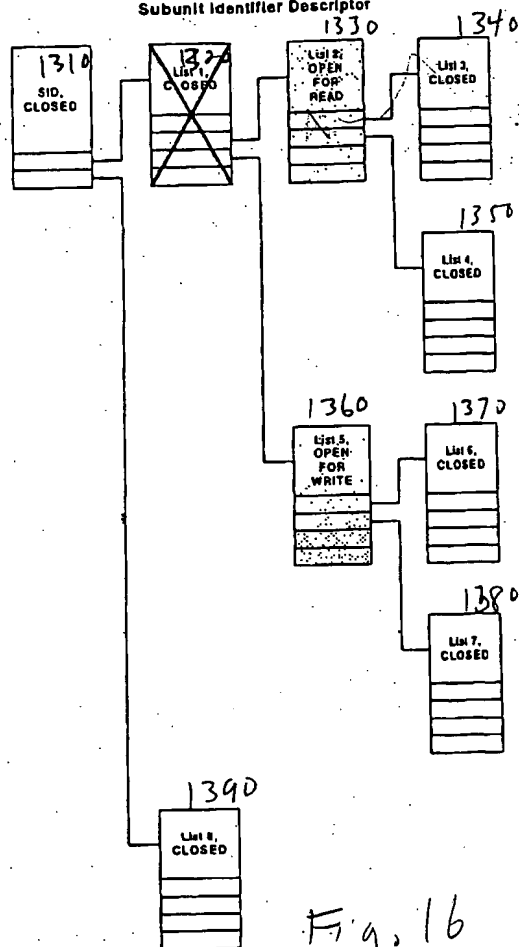


Fig. 16

0560768-063000



0960768 053030

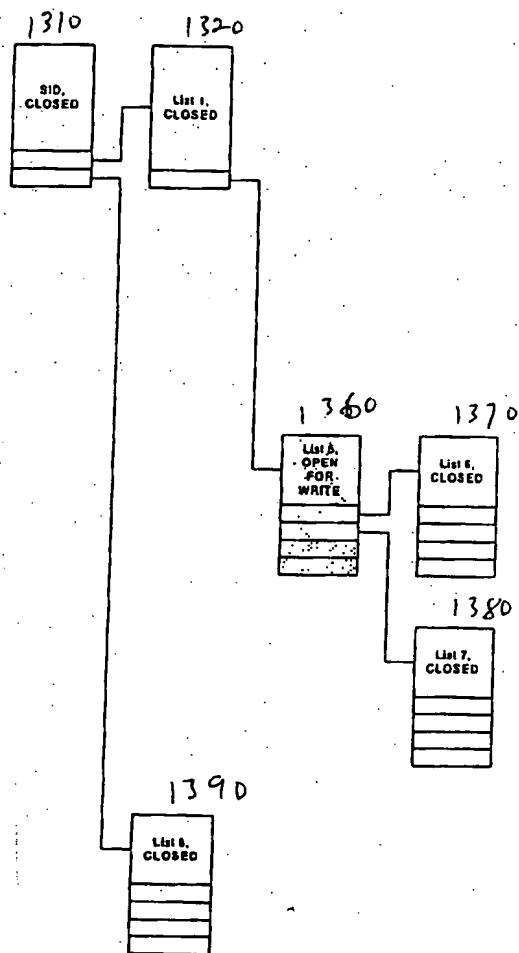


Figure 17